


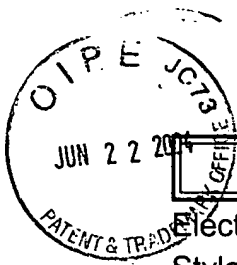
1fw/2113



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only


EFS ID: 63043  
Application ID: 09606730   
Title of Invention: DATA STORAGE SYSTEM HAVING  
POINT-TO-POINT  
CONFIGURATION  
First Named Inventor: Paul Wilson  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2004-06-22  
Effective Receipt Date: 2004-06-22  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 6692  
Attorney Docket Number: EMC2-048PUS  
  
Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 50889  
Deposit Account Name: Richard Sharkansky  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2004-06-22  
RAM Sequence Number: 12

Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 5bd54f9533f9b64e46a6bded8c6bf5a04099be72



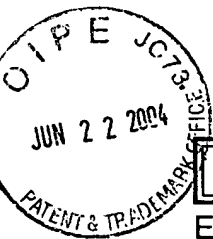
TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	DATA STORAGE SYSTEM HAVING POINT-TO-POINT CONFIGURATION															
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<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Richard M Sharkansky Registered Number: 25800</td><td>/rms/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Richard M Sharkansky Registered Number: 25800	/rms/	Attorney								
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Richard M Sharkansky Registered Number: 25800	/rms/	Attorney														
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>EMC2-048PUS-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>EMC2-048PUS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-fee-sheet	EMC2-048PUS-usfees.xml		us-fee-sheet.xsl		us-fee-sheet.dtd	us-ids	EMC2-048PUS-usidst.xml		us-ids.dtd		us-ids.xsl
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us-ids	EMC2-048PUS-usidst.xml															
	us-ids.dtd															
	us-ids.xsl															



Comments



## FEE TRANSMITTAL

Electronic Version v08  
Stylesheet Version v08.0


<b>Title of Invention</b>	<b>DATA STORAGE SYSTEM HAVING POINT-TO-POINT CONFIGURATION</b>										
Application Number: 09/606730 											
Date: 2004-06-22											
First Named Applicant: Paul C Wilson											
Attorney Docket Number: EMC2-048PUS											
Art Unit: 2113											
Examiner: Emerson C Puente											
<b>TOTAL FEE AUTHORIZED \$180</b>											
Patent fees are subject to annual revisions on or about October 1st of each year.											
<b>BASIC FILING FEE</b>											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
<b>AUTHORIZED BILLING INFORMATION</b>											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number: 050889											
Access Code *****											
Deposit name: EMC Corporation											
Deposit authorized name: Richard Sharkansky											
Signature: /rms/											
Date (YYYYMMDD): 2004-06-22											



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DATA STORAGE SYSTEM HAVING POINT-TO-POINT CONFIGURATION																				
<p>Application Number: 09/606730 </p> <p>Confirmation Number: 6692</p> <p>First Named Applicant: Paul Wilson</p> <p>Attorney Docket Number: EMC2-048PUS</p> <p>Art Unit: 2113</p> <p>Examiner: Emerson C Puente</p> <p>Search string: ( 4977556 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4977556</td><td>1990-12-11</td><td>Noguchi</td><td></td><td>370</td><td>60</td></tr></tbody></table> <p><b>Signature</b></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4977556	1990-12-11	Noguchi		370	60	Examiner Name	Date		
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